

ABTAHI ISLAM

AI & Data Science Enthusiast | Spring Boot Full-Stack Engineer
6620 Sahapur, Ishwardi, Pabna

WORK EXPERIENCE

AUG. 2024 – PRESENT

PRIVATE TUTOR - MATHEMATICS & PROGRAMMING

SKILLS: Student Assessment, Communication & Mentoring, Online Teaching Tools (Teams, Digital Whiteboard)

MACHINE LEARNING & SOFTWARE PROJECTS

DEC. 2025 – PRESENT

BRAIN TUMOR MRI SEGMENTATION USING KERAS

SKILLS: Keras, TensorFlow, Python, Image Processing, Model Evaluation, Albumentations

- Compared accuracy, IoU, F1, and per-epoch inference time.
- Identified the best model balancing accuracy and efficiency.
- Augmentation pipelines with side-by-side mask visualization.

SEP. 2025 – NOV. 2025

PRESENTO – AI-POWERED MULTIMODAL PRESENTATION SKILL ASSESSMENT

SKILLS: Software Development Life Cycle, Product Requirements, UML & System Design (Use Case, Class, Activity, DFD), Agile Project Management, Trello, Effort Estimation, Function Point Analysis, COCOMO Estimation, Functional Requirements, Non-Functional Requirements, Testing, Technical Documentation & Reporting

- Produced test plans, Function Point and COCOMO effort estimates, and implementation-ready documentation to support automated evaluation workflows.

DEC. 2025 – JAN. 2026

CAT VS DOG IMAGE CLASSIFICATION USING CNN

SKILLS: TensorFlow, Keras, Python, CNN, ImageDataGenerator

- Developed a CNN with data preprocessing and augmentation for binary cat/dog classification.
- Documented steps for transfer learning and hyperparameter tuning to improve accuracy.

OCT. 2023 – NOV. 2023

ELECTRICITY BILLING SYSTEM - JAVA DESKTOP APPLICATION

SKILLS: Java, Object-Oriented Programming (OOP), File I/O, Software Design, Software Development, Java Swing

- Developed a CNN with data preprocessing and augmentation for binary cat/dog classification.
- Documented steps for transfer learning and hyperparameter tuning to improve accuracy.

DEC. 2023 – DEC. 2023

BOI JATRA - BOOKSTORE MANAGEMENT SYSTEM (JAVA)

SKILLS: Java, Object-Oriented Programming (OOP), File I/O, Software Design, Software Development, Java Swing

- Implemented browsing, cart management, checkout workflow, and admin book/user/order management.
- Built payment integration stubs for Bkash and bank transfer and used text-file storage for order and inventory records.

EDUCATION HISTORY

JAN. 2023 – PRESENT

BACHELOR'S DEGREE, COMPUTER SCIENCE AND ENGINEERING

- American International University-Bangladesh

JAN. 2019 – NOV. 2021

HIGHER SECONDARY CERTIFICATE

- Ishwardi Government College

JAN. 2016 – APR. 2018

SECONDARY SCHOOL CERTIFICATE

- Govt. Sara Marwari Model School and College

CERTIFICATION SKILLS

FEB. 2026

AGILE PROJECT MANAGEMENT — HP LIFE

NOV. 2025 – NOV. 2028

GEMINI CERTIFIED STUDENT — GOOGLE

MAY. 2025

ANDROID COURSE BUILD 3 APPLICATIONS FROM SCRATCH WITH JAVA — UDEMY

NOV. 2025

INTRODUCTION TO 2D ANIMATION — GRAMEENPHONE

JUN. 2023

PC HARDWARE AND SOFTWARE — CISCO

CONTACT

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